VISUAL RESOURCES - FIGURE 11

Pico Power Project - Revised Conceptual Landscape Plan

Symbols	Botanical Name	Common Name	Size when Planted: 5 gal	Size when Planted: 24" Box	No. of Plants: 5 gal	No. of Plants: 24" Box	Ever green?	Height at 5 years	Height at 10 years	Height at 20 Years	Spread at 20 years	Ultimate Height	Max. Spread	Growth Rate
Trees:	All trees to be 24" box unless noted otherwise.													
	Sequoia Sempervirens "Los Altos"	Coast Redwood	-	8-10'	-	28	Yes	35'	50-55'	80'	15'	100	20'	Fast
Shrubs:	All shrubs to be 5 gallon unless noted otherwise.													
	Photinia Fraseri "Birmingham"	Photinia (Red Foliage)	3'-4'	-	23	-	Yes	5'-6'	6'-10'	12'	12'	15'	15	Fast
	Nerium Oleander "Sister Agnes"	Oleander (White Flowers)	3'-4'	-	9	-	Yes	6'-8'	8'-10'	15'	15'	18'	18'	Mod-Fast
	Eurypos Pectinatus "Viridis"	Desert Daisy (Yellow Flowers)	2'-3'	-	21	-	Yes	3'-4'	4'	4'-5'	4'-5'	5'	5'	Moderate
	Raphiolepis Indica "Snowhaven"	Indian Hawthorn (Pink Flowers)	2'-3'	-	16	-	Yes	3'-4'	4'	4'-5'	5'-6'	5'	6'	Moderate
Ground Covers:	To be planted from cuttings unless noted otherwise													
	Ceanothus Griseus "Horizontalis" -	Carmel Creeper (Blue Flowers) Plant from 1 gallon size at 5 Feet on center.												Fast
	Trachelospermum Jasminoides	Star Jasmine (Blue & White Flowers) Plant from cuttings @ 3 Feet on center.												Mod-Fast

Notes:

1. The spread of the tree canopies, at 20 years growth, is only approximate, as shown on the Conceptual Plan due to the large scale of this plan. However, the exact spread of trees, at 5yrs & 20 year's growth, is identified on the matrix and is shown in true scale, on the visual simulations.

(x) Existing trees (Acacia/Silk Trees) growing along Lafayette Street, within the right-of-way to be removed.

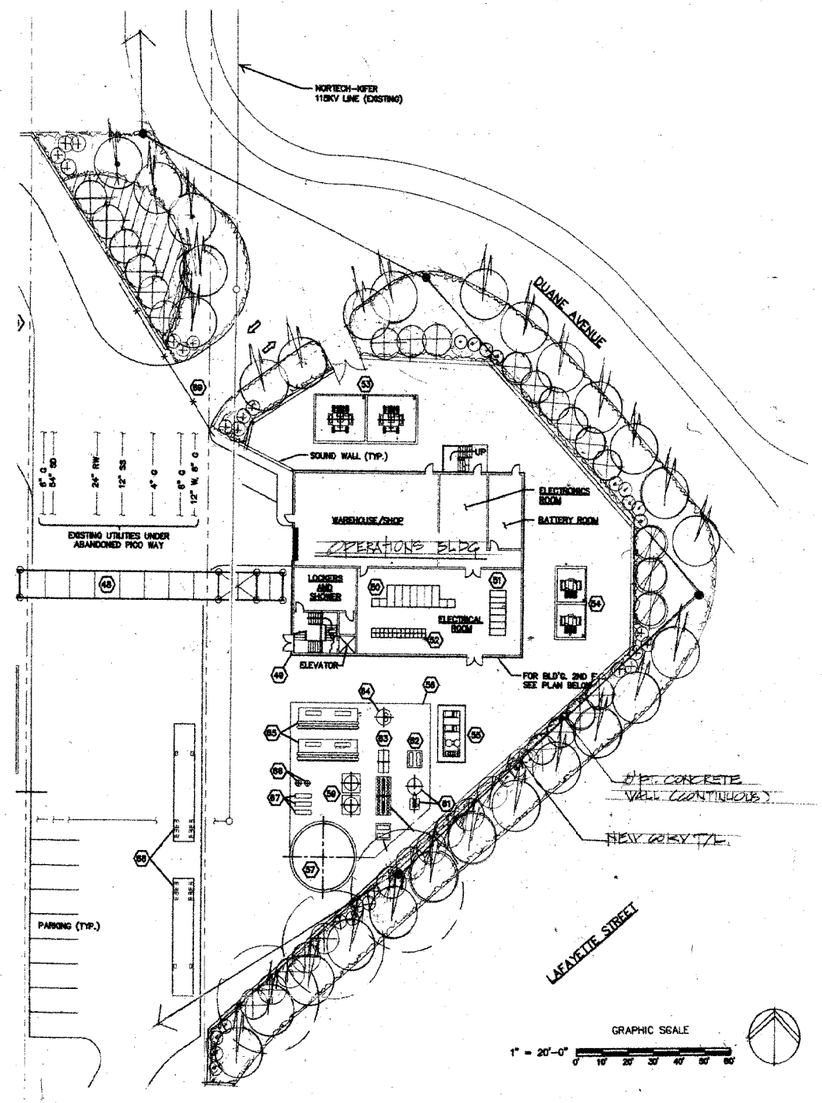
GENERAL NOTES:

Goals:

- To develop a planting scheme that will partially screen and visually soften the appearance of the power plant, along the East Side, from Key Observation Points (KOPS).
- To develop an energy efficient, low maintenance landscape concept through planting trees, shrubs and ground covers hardy to coastal conditions & acclimated to this area and use recycled water ("gray water"), as a source for irrigation of plants.

Design Concept

- To minimize landscape maintenance and insure survival of plant species, over time, by mainly planting drought tolerant, wind tolerant plant species that survive well in this climate zone (zone 17).
- To create an attractive and interesting landscape appearance by creating a landscape scheme that reflects that simplicity and visual continuity by planting tall pyramidal trees as strut trees and planting only species of shrubs in small bands, having contrasting forms, colors and textures, in alternating groups along perimeter walls around the northeast and eastern side of the power plant.
- To propose large, fast growing, evergreen pyramidal trees along the northeast and east side of the power plant to soften the visual appearance of the major power plant structures.
- To create an established appearance, in a short time, through planting all the trees at a large size (24" box); and all shrubs at a 5-gallon size.
- To install a conventional, permanent irrigation system with low precipitation heads and an automatic irrigation controller which will provide uniform irrigation coverage with minimum water usage.



CALIFORNIA ENERGY COMMISSION, SYSTEMS ASSESSMENT & FACILITIES SITING DIVISION, MARCH 2003

SOURCE: Data Responses